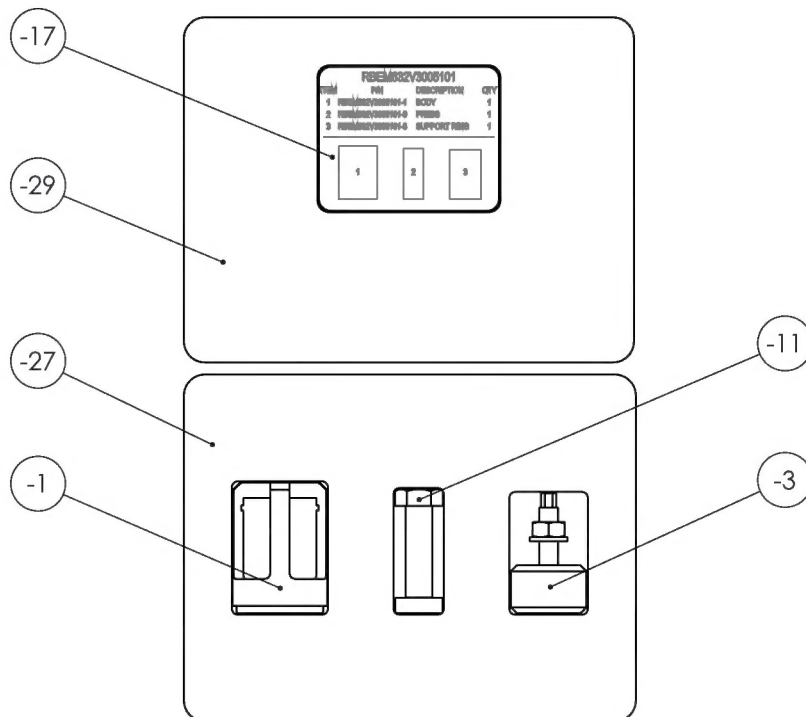


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	1/7/2016	RJC	JAG



ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				-1	1	BODY	4140/4142		2
		X		-3	1	SUPPORT RING ASSEMBLY			3
	X	1		-5		SUPPORT RING WELDMENT			4
	1			-7		SUPPORT RING	4140/4142		5
	1			-9		SCREW	STEEL	M10 X 1.5 X 42mm (MCMaster-CARR #1078N13) MODIFIED	6
X				-11	1	PRESS			7
1				-13		DISC	WHITE DELRIN		8
1				-15		HEX HEAD CAP SCREW	S.S.	M14X2 X 50mm (MCMaster-CARR #91287A786) MODIFIED	7
				-17	1	LOCATION PLACARD	PLASTIC		10
		1	B/O	-19		HEX NUT	STEEL	M10 X 1.5 (MCMaster-CARR #92497A450)	3
		1	B/O	-21		FLAT WASHER	STEEL	M10 (MCMaster-CARR #91166A280)	3
1			B/O	-23		FLAT HEAD SCREW	S.S.	M5X.8 X 16mm (MCMaster-CARR #91801A280)	7
			B/O	-25	1	CASE	PLASTIC	PELICAN #APP-1200-E	N/S
			B/O	-27	1	BOTTOM FOAM	Y20 BLACK	2.93 X 7.23 X 9.41 (I.R. SPECIALTIES)	11
			B/O	-29	1	LID FOAM	Y20 BLACK	1.19 X 7.19 X 9.37 (I.R. SPECIALTIES)	12
			B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S
ASSY -9	ASSY -5	ASSY -3							

NOTE:  
REFERENCE AIRBUS T/N M632V3005101.



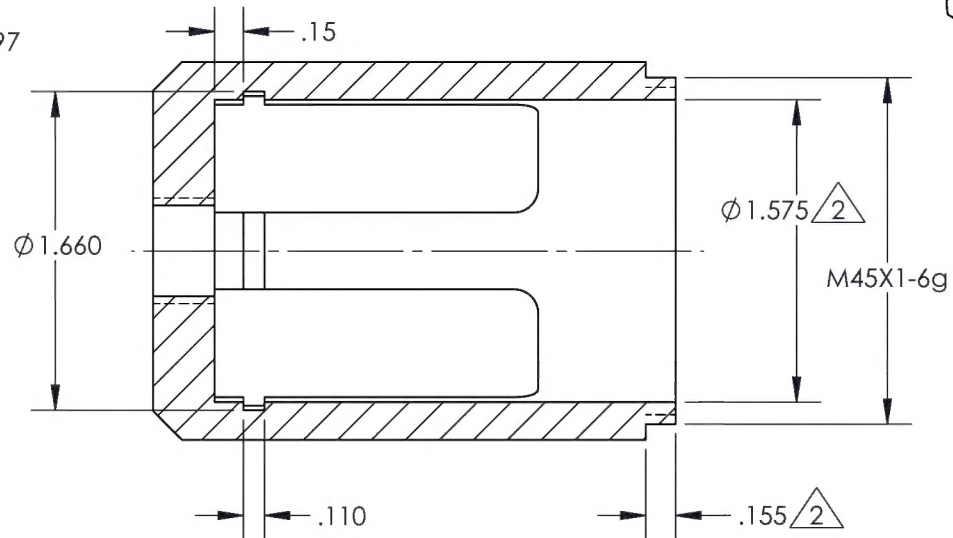
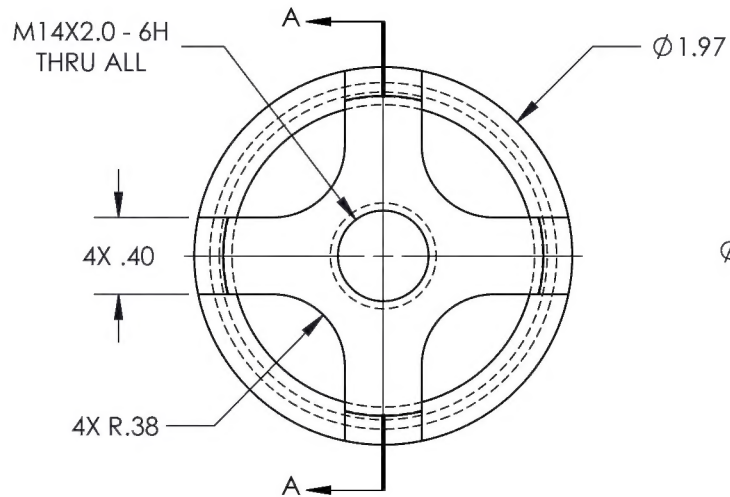
TITLE  
FAN FLANGE SEAL REM/INSTL TOOL

DWG NO. RBEM632V3005101 REV 1

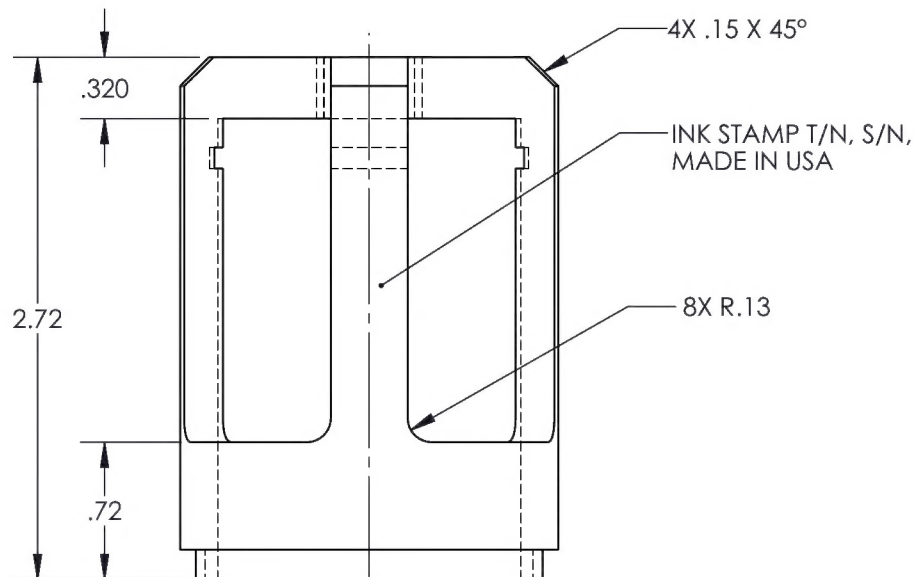
MAT'L	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125°
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:4
DATE	12/2/2015
	SHEET 1 OF 12

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				APPROVED



SECTION A-A



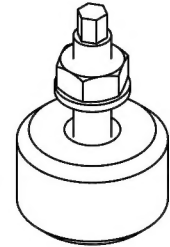
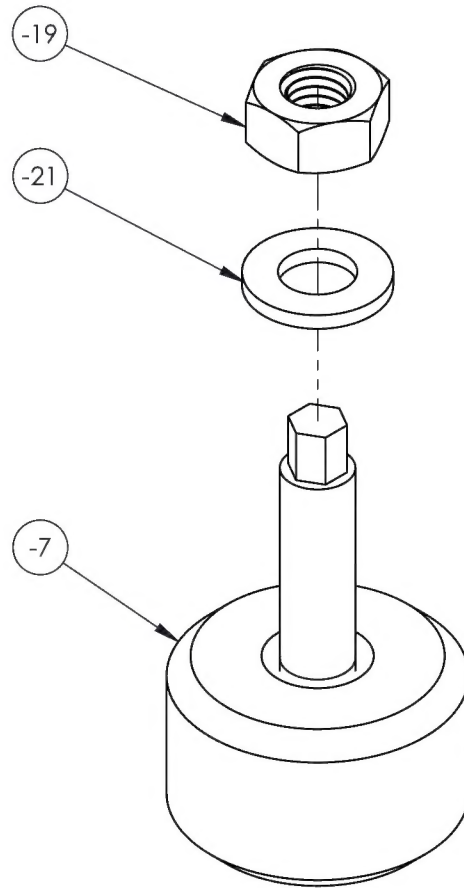
(-1)  
BODY

- NOTES:
- DUAL FINISH:  
1ST: ZINC PLATE, ASTM B633 TYPE I SC 2  
2ND: POWDER COAT YELLOW, FED # 13538
  - NO PAINT THIS SURFACE.

<b>DART AEROSPACE</b>	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-1	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT FINISH SEE NOTE 1	.XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 12/1/2015
SHEET 2 OF 12	

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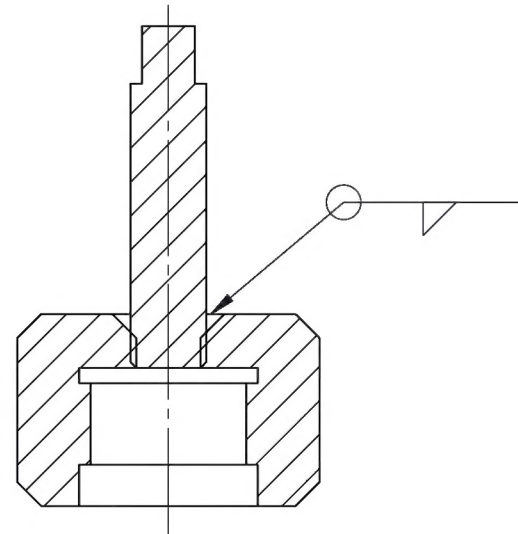
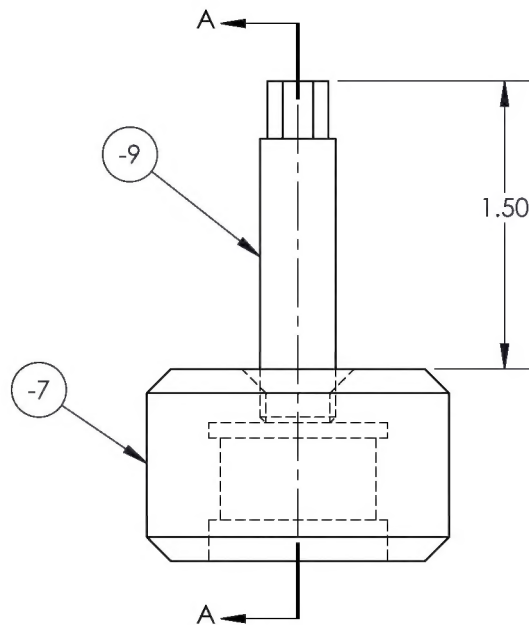
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SUPPORT RING ASSEMBLY

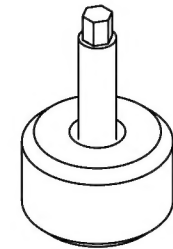
<b>DART</b> AEROSPACE	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-3	REV 1
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES
DRAWN BY: CLOUGH	.015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY
OPPS APPR: ANDERSON	AFTER PLATING
QA APPR: LINDSAY	3. INTERPRET DIM AND TOL PER
APPROVED: GILBERT	ASME Y14.5M-2009
SCALE	USED ON MODEL
1:1	
DATE	
12/2/2015	
SHEET 3 OF 12	

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				APPROVED



SECTION A-A

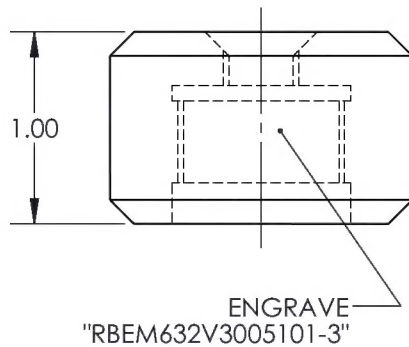
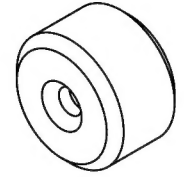
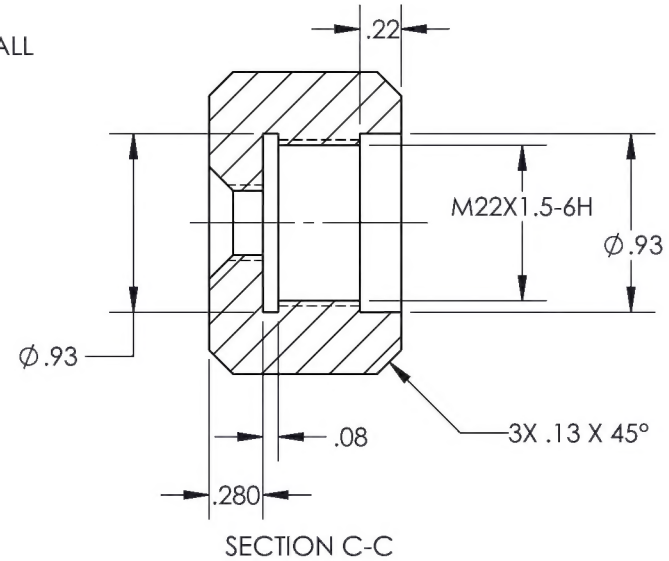
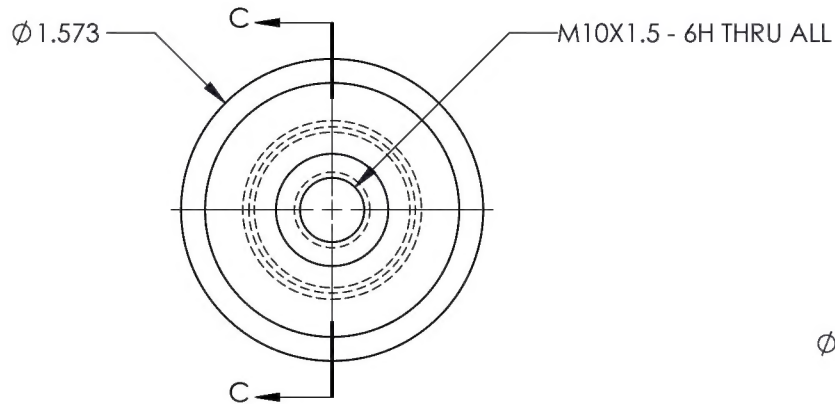


(5)  
SUPPORT RING WELDMENT

<b>DART</b> AEROSPACE	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-5	REV 1
MAT'L FAN FLANGE SEAL TREAT FINISH ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 12/1/2015
SHEET 4 OF 12	

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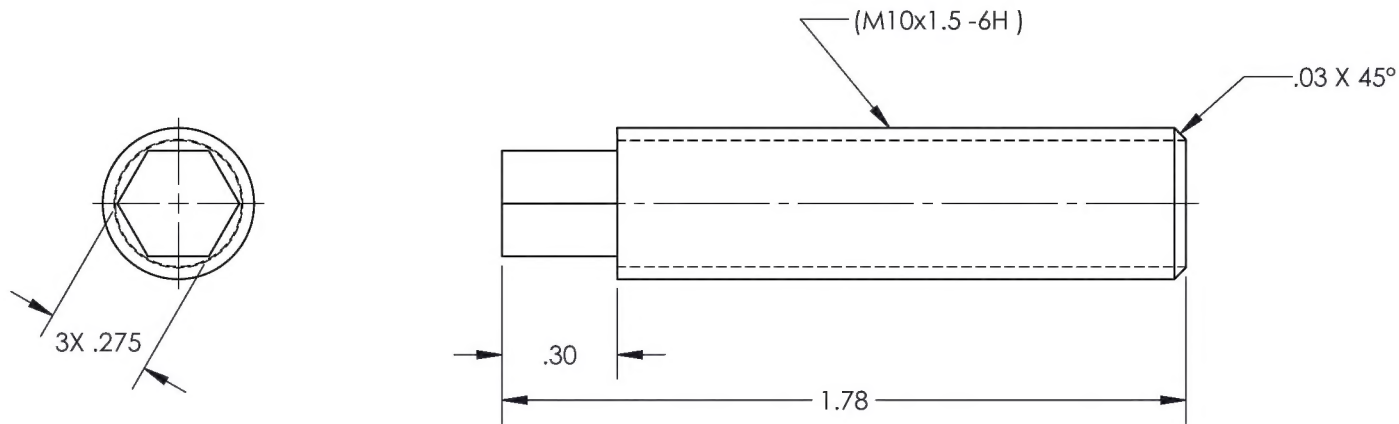
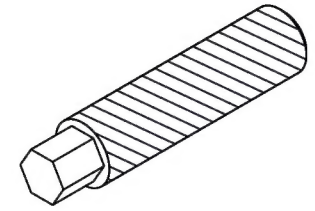


(-7)  
SUPPORT RING

<b>DART AEROSPACE</b>	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-7	REV 1
MAT'L 4140/4142 HEAT TREAT FINISH SEE -3 WELDMENT SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 1:1	DATE 12/1/2015
SHEET 5 OF 12	

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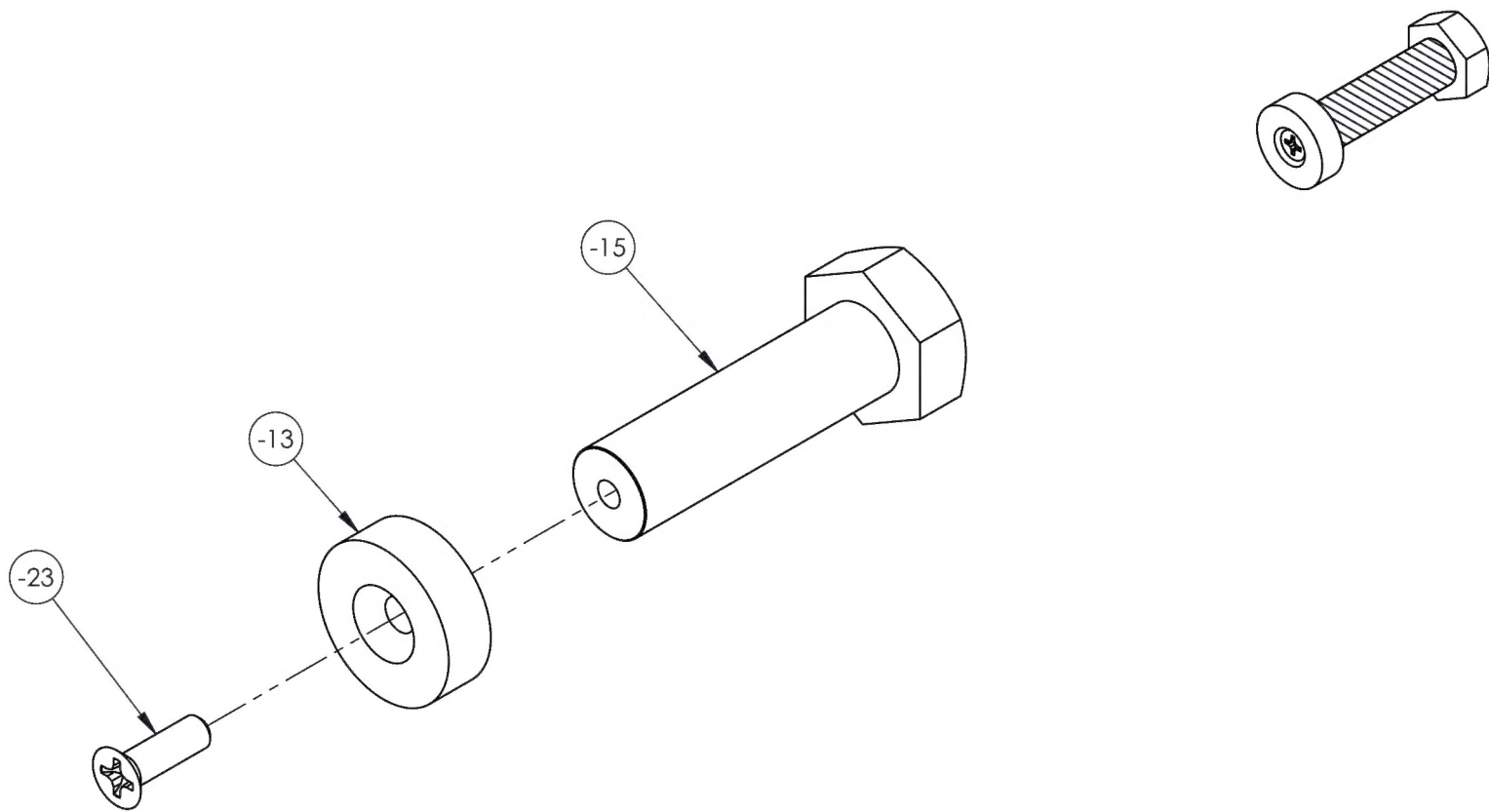


(-9)  
SCREW

<b>DART</b> AEROSPACE	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-9	REV 1
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -3 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 2:1	DATE 12/1/2015
	SHEET 6 OF 12

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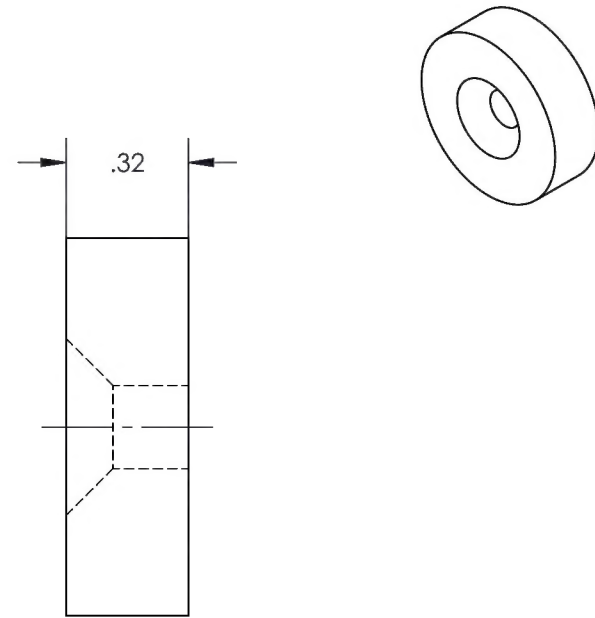
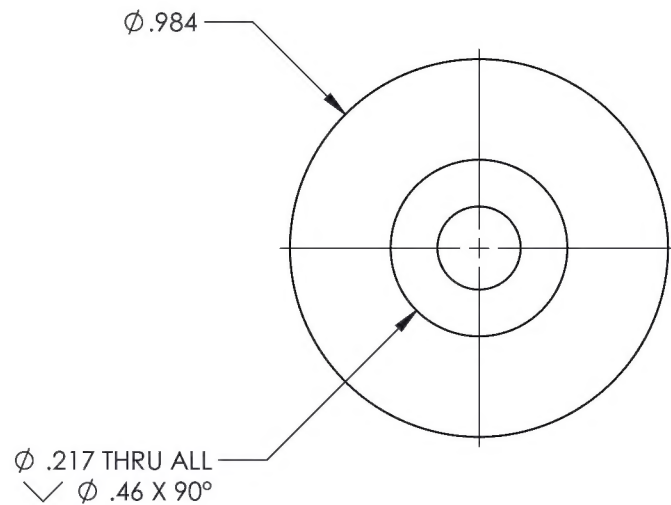
(11)  
PRESS

<b>DART</b> AEROSPACE	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-11	REV 1
MAT'L	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 12/1/2015
	SHEET 7 OF 12



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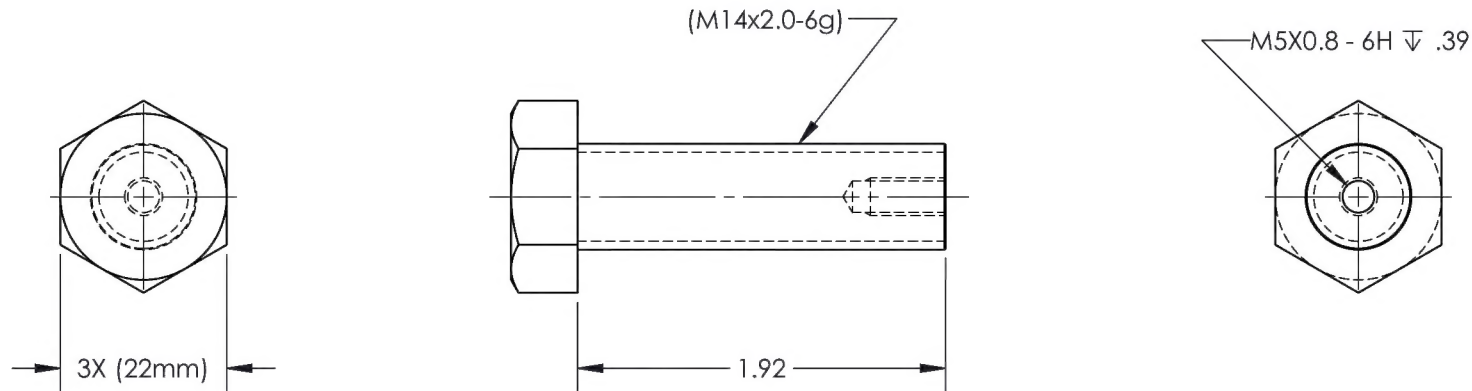
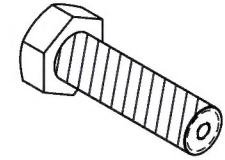
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DISC

<b>DART</b> AEROSPACE	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-13	REV 1
MAT'L WHITE DELRIN	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 2:1	DATE 12/1/2015
	SHEET 8 OF 12



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				APPROVED



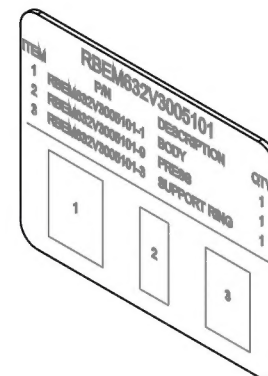
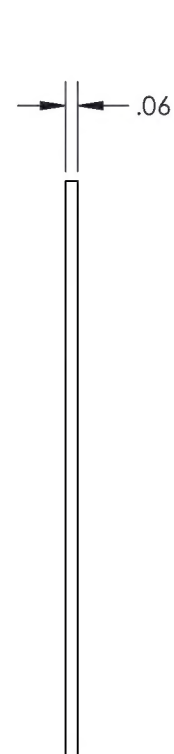
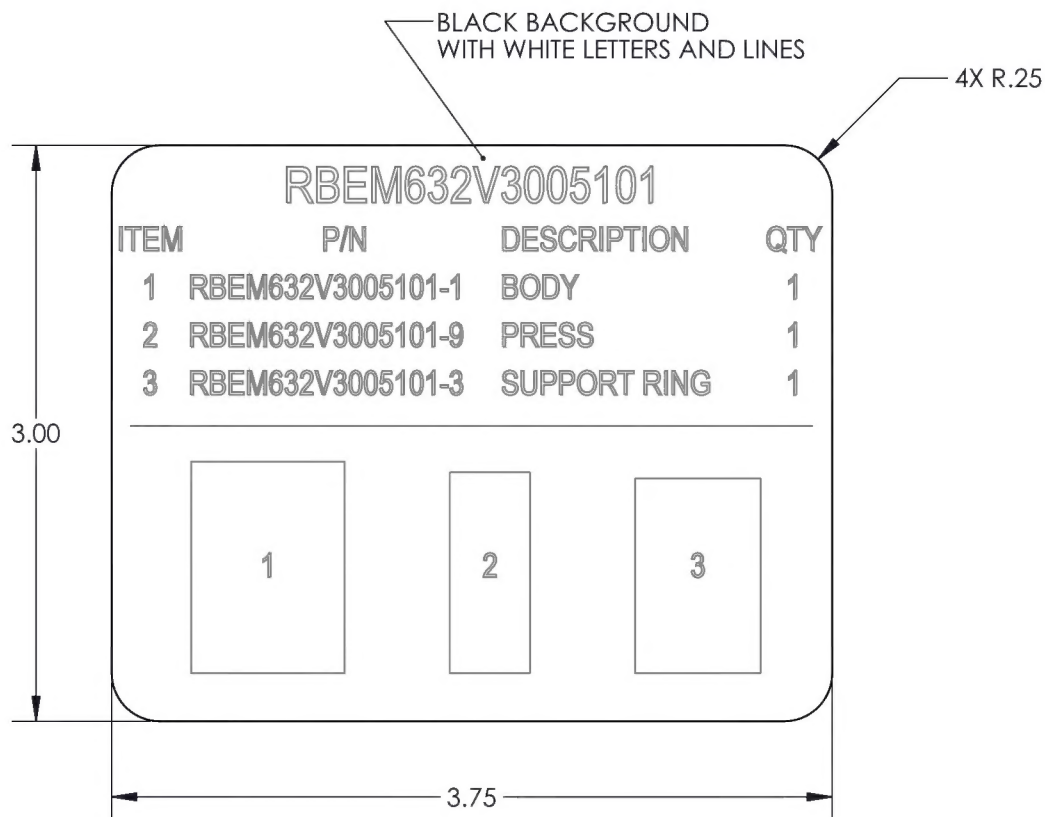
(15)

HEX HEAD CAP SCREW

<b>DART</b> AEROSPACE	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-15	REV 1
MAT'L S.S.	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 12/1/2015
	SHEET 9 OF 12

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			INITIAL
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NOTE:  
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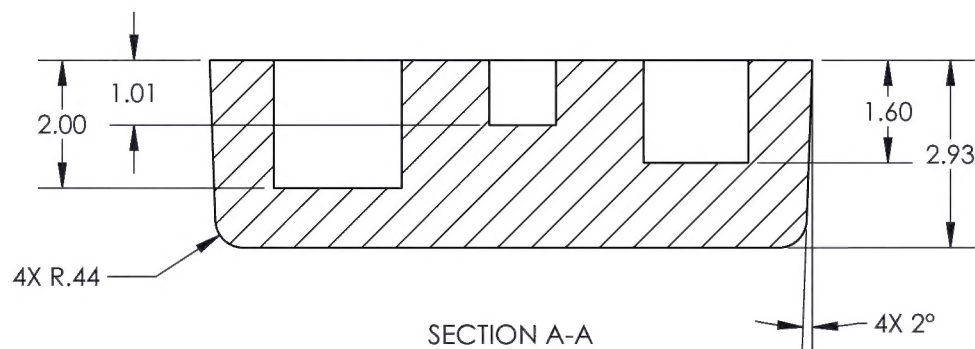
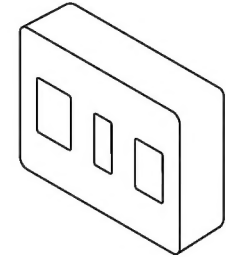
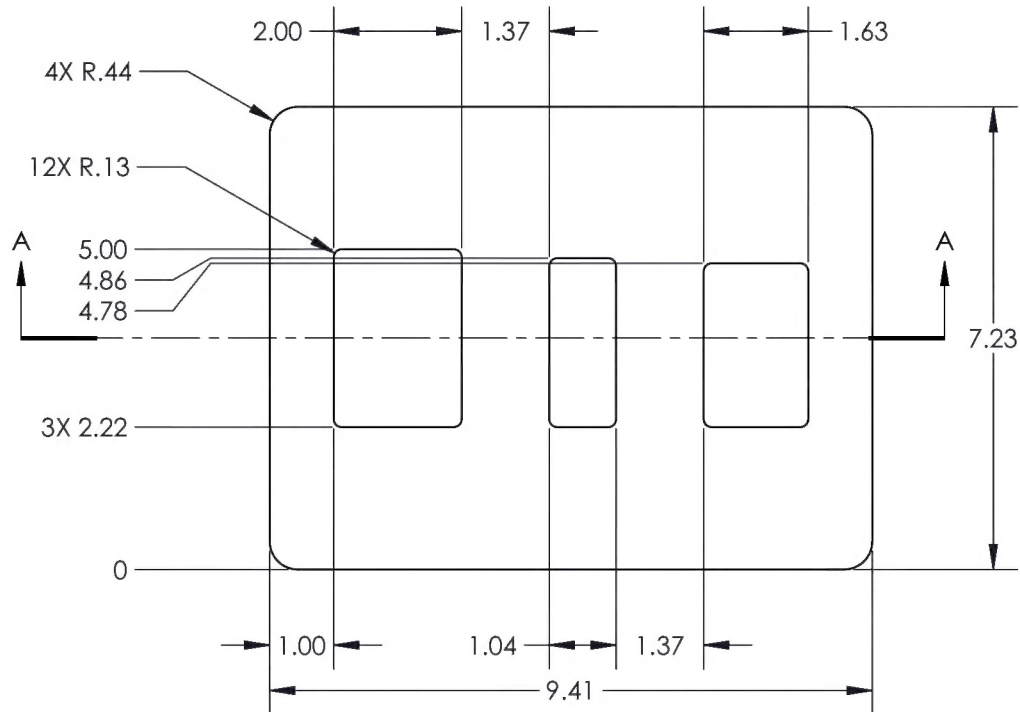
(-17)

LOCATION PLACARD

<b>DART</b> AEROSPACE	
TITLE FAN FLANGE SEAL REM/INSTL TOOL	
DWG NO. RBEM632V3005101-17	REV 1
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 12/2/2015
SHEET 10 OF 12	

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SECTION A-A

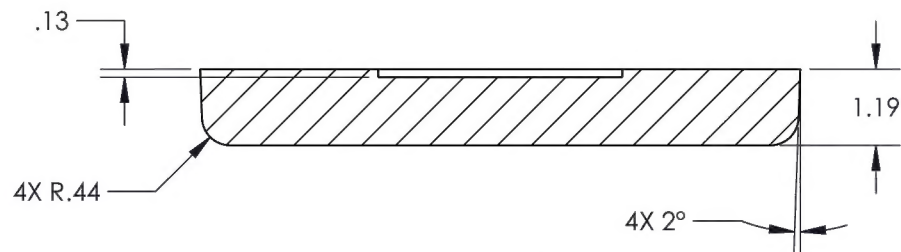
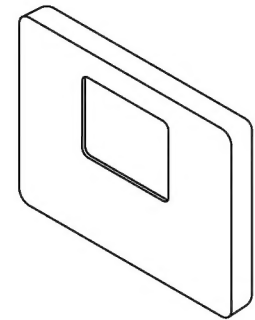
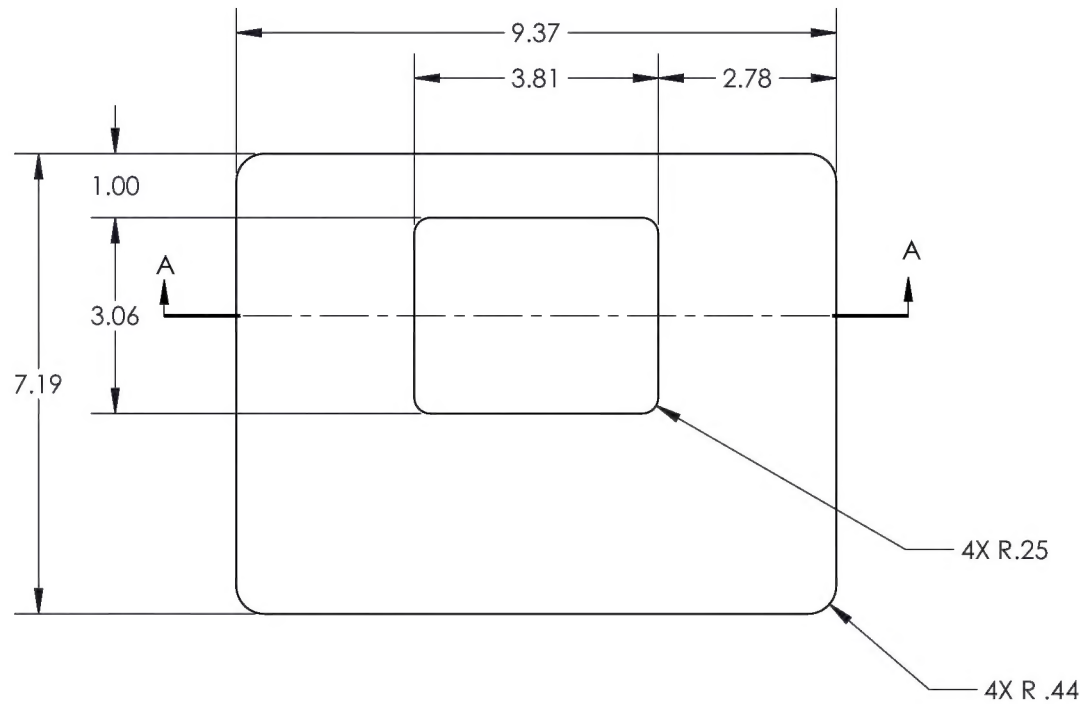
(-27)

BOTTOM FOAM

<b>DART</b> AEROSPACE	
TITLE <b>FAN FLANGE SEAL REM/INSTL TOOL</b>	
DWG NO. <b>RBEM632V3005101-27</b>	REV <b>1</b>
MAT'L Y20 BLACK HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL <b>H175</b>	
SCALE <b>1:3</b>	DATE <b>12/2/2015</b>
SHEET 11 OF 12	

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				APPROVED



SECTION A-A

(-29)

LID FOAM

<b>DART</b> AEROSPACE	
TITLE <b>FAN FLANGE SEAL REM/INSTL TOOL</b>	
DWG NO. <b>RBEM632V3005101-29</b>	REV <b>1</b>
MAT'L Y20 BLACK TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL <b>H175</b>	
SCALE <b>1:3</b>	DATE <b>12/2/2015</b>
SHEET 12 OF 12	